# **British Armored Reconnaissance Vehicle Fox**

L II	Weapons & Ammunition Types	Typical Combat Load
	30-mm auto-cannon HEI-T, APDS-T, APSE-T 7.62-mm coax MG	99 (est.) 66 33 2,600
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SYSTEM

**Alternative Designations:** FV721 **Date of Introduction:** 1973 **Proliferation:** At least 3 countries

**Description:** 

Crew: 3
Troop Capacity: 0
Combat Weight (mt): 6.12
Chassis Length Overall (m): 4.17
Height Overall (m): 2.20
Width Overall (m): 2.13
Ground Pressure (kg/cm²): INA
Drive Formula: 4 x 4

**Automotive Performance:** 

Engine Type: 190-hp Gasoline Cruising Range (km): 434 Speed (km/h): Max Road: 104

Max Road: 104 Max Off-Road: INA Average Cross-Country: INA Max Swim: 5.23

Fording Depth (m): 1.0 Unprepared

Radio: INA

**Protection:** 

Armor, Turret Front (mm): Resistant to heavy MG (NFI)

Applique Armor (mm): N/A Explosive Reactive Armor (mm): N/A Active Protective System: N/A Mineclearing Equipment: N/A Self-Entrenching Blade: N/A NBC Protection System: N/A

Smoke Equipment: 2 x 4-barrel smoke grenade launchers

ARMAMENT

**Main Armament:** 

Caliber, Type, Name: 30-mm auto-cannon, Rarden L21 Rate of Fire (rd/min): 80-90 cyclic (1-6 round bursts) Loader Type: Feed tray, manual clip-fed (3-round clips)

Ready/Stowed Rounds: INA Elevation (°): -14 to +40 Fire on Move: INA

Auxiliary Weapon:

Caliber, Type, Name: 7.62-mm machinegun L7A2

Mount Type: Coax

Max Aimed Range (m): INA Max Effective Range (m): INA Fire on Move: Yes Rate of Fire (rd/min): INA

**ATGM Launcher:** N/A **Firing Ports:** None

FIRE CONTROL

FCS Name: INA Main Gun Stabilization: N/A Rangefinder: N/A Infrared Searchlight: N/A Sights w/Magnification:

Gunner:

Day: SPAV L2A1, 5.8/1.6 x Field of View (°): 8/28 Acquisition Range (m): INA Night: L2A1, II sight

Field of View (°): INA Acquisition Range (m): INA

Commander Fire Main Gun: No

VARIANTS

None of the variants have been fielded.

MAIN ARMAMENT AMMUNITION

Caliber, Type, Name: 30-mm APDS-T, L14A2

Max Aimed Range (m): 1,500 Max Effective Range (m):

Day: 1,000 Night: INA

Tactical AA Range: INA

Armor Penetration (mm): 40 (RHA, 45°) at 1,500 m

Caliber, Type, Name: 30-mm HE-T, L13A1

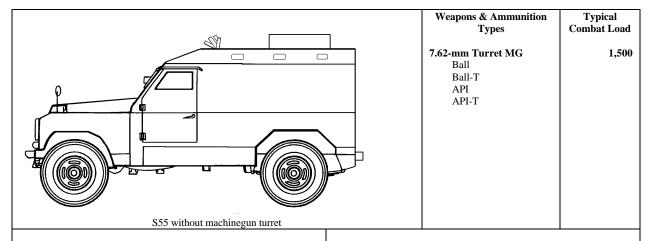
Max Aimed Range (m): 2,000 Max Effective Range (m): INA Tactical AA Range: INA Armor Penetration (mm): N/A

Other Ammunition Types: APSE-T (AP Secondary Effects-T L5A2).

The gun can fire the KCB (Oerlikon) family of munitions.

#### NOTES

These vehicles have been phased out of British service.



SYSTEM Unless otherwise stated, data is for Mk 5 upgrade. Alternative Designations: FV18061, S5 Shorland Date of Introduction: 1963 original, 1990s for Mk 5

**Proliferation:** At least 21 countries

#### **Description:**

Crew: 3

Troop Capacity: 0, 8 passengers in raised roof personnel carrier

Combat Weight (mt): 3.6 Chassis Length Overall (m): 4.51 Height Overall (m): 1.85, 2.29 for turret

Width Overall (m): 1.80

Drive Formula: 4 x 4, with run-flat tires

# **Automotive Performance:**

Engine Type: 114-hp Gasoline Cruising Range (km): 514

Speed (km/h):

Max Road: 105 Mk 5 Max Off-Road: INA Average Cross-Country: 48 Max Swim: N/A Fording Depth (m): 0.5

Radio: INA

#### **Protection**:

Armor, Turret Front (mm): 11.0, can defeat 7.62-mm ball at 26 m

Applique Armor (mm): Grass-reinforced plastic flooring

NBC Protection System: No

Smoke Equipment: 2 x 4 smoke grenade launchers + roof mount

# ARMAMENT

### Main Armament:

Caliber, Type, Name: 7.62-mm (7.62x 51) GP Machinegun, L7A2

Mount Type: Turret

Rate of Fire: 80-100 (practical) Loader Type: Belt feed Ready/Stowed Rounds: INA Elevation (°): -4 to +82 Fire on Move: Yes Rate of Fire (rd/min): INA ATGM: N/A

Firing Ports: 0/3 each side, 2 in the rear doors for personnel carrier

#### FIRE CONTROL

Infrared Searchlight: None, visual searchlight only

Sights w/Magnification:

Gunner:

Day: Periscopic sight on turret roof

Night: N/A

Commander Fire Main Gun: No

#### VARIANTS

The vehicle is produced in several versions, including armored car (with notchback cab and room for 3), personnel carrier van version.

# **Upgrades:**

Mk 1: Initial version, with 7.25-mm armor and 67-hp engine.

Mk 2: Variant with 8.25-mm armor and 77-hp engine.

Mk 3: Upgrade with 91-hp engine.

Mk 4: Variant with 11-mm armor and 114-hp engine.

Mk 5: Upgrade with improved suspension, wider wheelbase.

#### **Special-Purpose Vehicles:**

S53 Mobile Air Defense Vehicle: Vehicle with lightweight multiple

launcher (3 ready, 6 stowed).

S54 Anti-Hijack Vehicle: Version has special rifle marksman turret.

# MAIN GUN AMMUNITION

Caliber, Type, Name:

Maximum Aimed Range (m): 2,000 (est)

Max Effective Range (m):

Day: 800 Night: INA

Armor Penetration (mm RHA):

Other Ammunition Types: Ball, Ball-T, API, API-T

#### NOTES

Vehicle is based on British Land Rover chassis. Primary use for the vehicle is for military site security, and internal security vehicle for police and border forces.

Air conditioning is available.